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EXPRESS MAIL LABEL NO. EV510808379US
DATE OF DEPOSIT: March 11, 2005

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A NATIONAL STAGE FILING UNDER 35 U.S.C. § 371	**ATTORNEY'S DOCKET NUMBER** 4239-66903-02
	U.S. APPLICATION NO. (If known, see 37 C.F.R. § 1.5) Not yet assigned **10/527500**

INTERNATIONAL APPLICATION NO. PCT/US2003/029833	INTERNATIONAL FILING DATE September 18, 2003	PRIORITY DATE CLAIMED September 19, 2002

TITLE OF INVENTION
P. ARIASI POLYPEPTIDES, P. PERNICIOSUS POLYPEPTIDES AND METHODS OF USE

APPLICANT(S) FOR DO/EO/US
Jesus G. Valenzuela, Jose M.C. Ribeiro, Shaden Kamhawi, Yasmine Belkaid, Laurent Fischer, Jean-Christophe Audonnet and Francis Milward

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. § 371.

2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. § 371.

3. ☒ This is an express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1). Items 5, 6, 9 and 21 indicated below are submitted to make this express request.

4. ☒ The United States has been elected in a Demand for International Preliminary Examination (Article 31).

5. ☒ A copy of the International Application as filed (35 U.S.C. § 371(c)(2))

    a. ☐ is attached hereto (required only if not communicated by the International Bureau).

    b. ☐ has been communicated by the International Bureau.

    c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☐ An English-language translation of the International Application (35 U.S.C. § 371(c)(2)).

    a. ☐ is attached hereto.

    b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3))

    a. ☐ are attached hereto (required only if not communicated by the International Bureau to the United States Receiving Office).

    b. ☐ have been communicated by the International Bureau.

    c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.

    d. ☒ have not been made and will not be made.

8. ☐ An English-language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).

9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)).

10. ☐ An English-language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).

Items 11 to 21 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.

12. ☒ Two assignment documents for recording. Separate cover sheets in compliance with 37 C.F.R. §§ 3.28 and 3.31 and the Recordal fee of $80.00 are included.

13. ☒ A preliminary amendment.

14. ☐ An Application Data Sheet under 37 C.F.R. § 1.76.

15. ☐ A substitute specification.

16. ☐ A power of attorney and/or change of address letter.

17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. §§ 1.821 - 1.825, two copies of the sequence listing on CD, and a Statement in Compliance verifying the identity of all three copies. In compliance with 37 C.F.R. §1.52(e), the enclosed compact discs are in IBM-PC format, compatible with MS-Windows (Windows XP). On each compact disc is the file "66903-02 sequence listing.txt", which is 141 kilobytes (145,408 bytes), and was created on March 10, 2005. The two compact discs are identical.

18. ☒ A second copy of the published International Application under 35 U.S.C. § 154(d)(4).

19. ☐ A second copy of the English-language translation of the international application under 35 U.S.C. § 154(d)(4).

20. ☒ Other items or information:
    ☒ Abstract on a separate page.
    ☒ Invitation to Pay Additional Fees.
    ☒ International Search Report.
    ☒ Copies of References Cited.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) Not yet assigned 10/527500	INTERNATIONAL APPLICATION NO. PCT/US2003/029833	ATTORNEY'S DOCKET NUMBER 4239-66903-02	
The following fees are submitted:			
21. ☒ Basic national fee...$300		$ 300.00	
22. ☒ Examination fee If international preliminary examination report prepared by USPTO and all claims satisfy novelty, nonobviousness (inventive step) and utility (industrial applicability) i.e., provisions of PCT Article 33(1)-(4)...$100 All other situations $200		$ 200.00	
23. ☒ Search fee Search fee (37 C.F.R. 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority...$100 International Search Report prepared and provided to the Office.........................$400 All other situations $500		$ 100.00	
	TOTAL OF 21, 22, and 23 =	$ 600.00	

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
134 - 100	34 / 50 =	1	x $250	$ 250.00

Surcharge of **$130.00** for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(e)).				$ 0.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	33 - 20 =	13	x $50.00	$ 650.00
Independent Claims	1 - 3 =	0	x $200.00	$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ $360.00	$ 0.00
		TOTAL OF ABOVE CALCULATIONS =		$ 1,500.00
☐ Reduction of 1/2 for filing by small entity. Small entity status is claimed for this application.				$
			SUBTOTAL =	$ 1,500.00
Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. §§ 1.492(f)). +				$
		TOTAL NATIONAL FEE =		$ 1,500.00
Fees for recording the enclosed assignments (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). $40.00 per property. +				$ 80.00
		TOTAL FEES ENCLOSED =		$ 1,580.00
			Amount to be refunded	$
			Amount to be charged	$

a. ☒ A check in the amount of $ 1,580.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of $ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Director is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. 02-4550. A duplicate copy of this sheet is enclosed.

d. ☒ Please return the enclosed postcard to confirm that the items listed above have been received.

NOTE: **Where an appropriate time limit under 37 C.F.R. § 1.494 or § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO THE ADDRESS ASSOCIATED WITH

CUSTOMER NUMBER 36218

KLARQUIST SPARKMAN, LLP
One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, OR 97204-2988

_____
SIGNATURE

Anne Carlson, Ph.D.
NAME

47,472
REGISTRATION NUMBER

cc: Docketing